

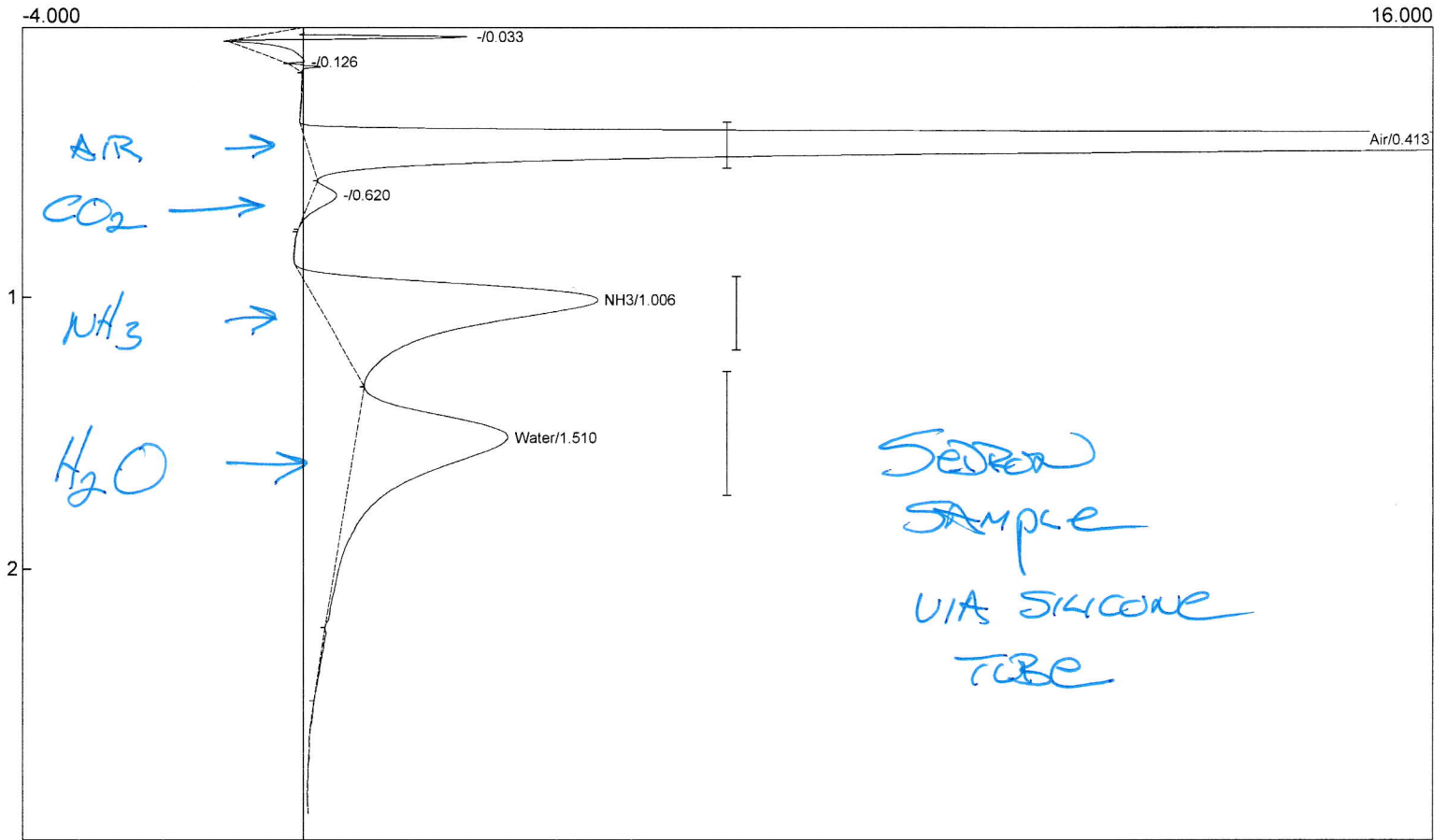
Lab name: SRI Instruments
 Client: SRI Final Test
 Client ID: N10457
 Analysis date: 01/14/2021 15:02:31
 Method: Valve 1ml loop
 Description: TCD 100C Low current
 Column: 6' Haysep P/teflon
 Carrier: Helium@10psi
 Integration: Peak sens=95.0 Base sens=60.0 Min area= 1.00 Standard=100.000 Sample=100.000 Tangents=off
 Data file: MethEthCalib610.CHR ()
 Sample: gas phase NH3 headspace

Temperature program:

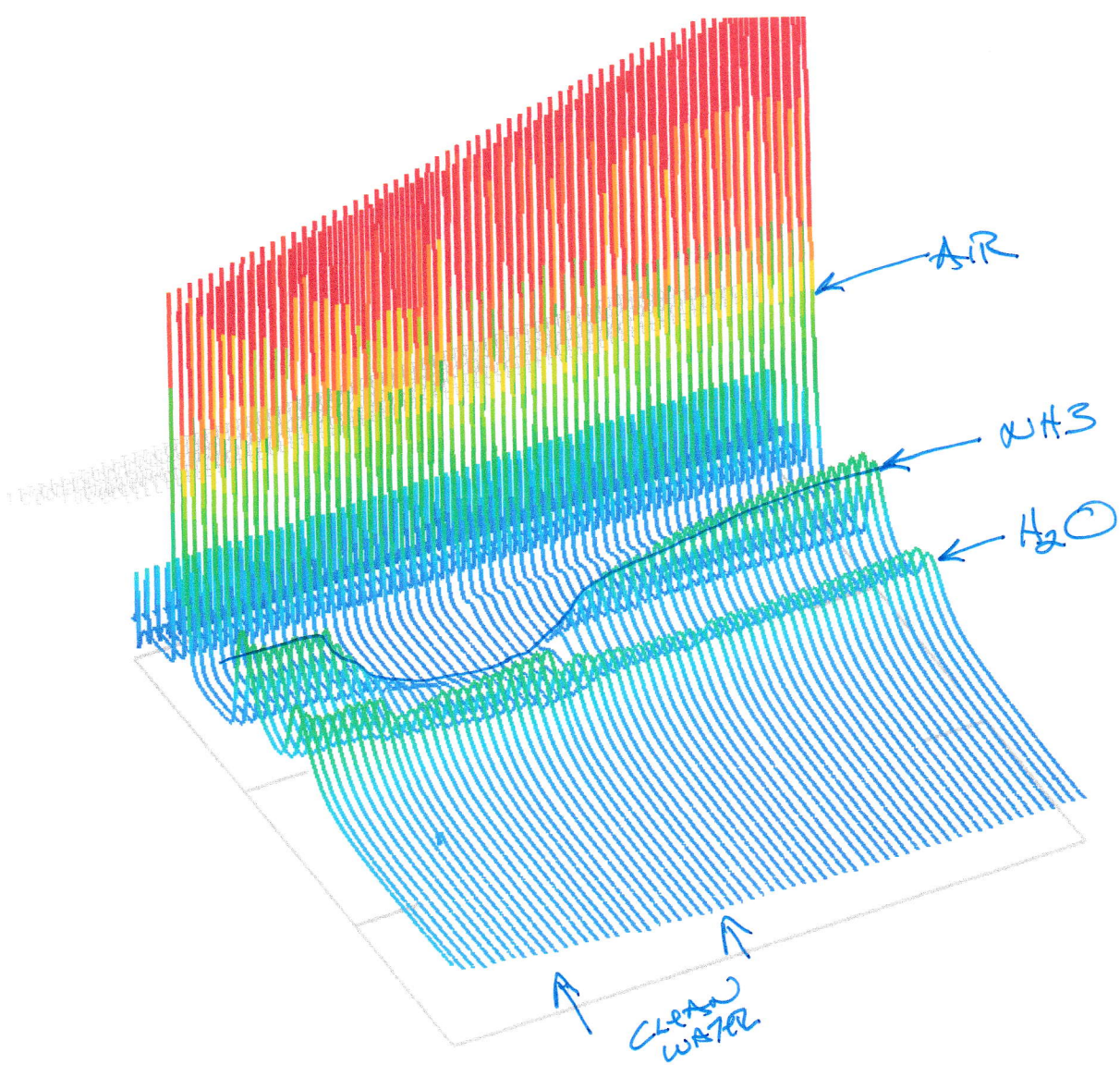
Init temp	Hold	Ramp	Final temp
100.00	2.900	0.000	100.00

Events:

Time	Event
0.000	ZERO
0.020	G ON (Valve1Rotate)
0.120	G OFF (Valve1Rotate)



Component	Retention	Area	External Units
Air	0.413	189.1934	0.0000
NH3	1.006	42.6846	28.6078 %
Water	1.510	32.1130	60.4298 ppm
		263.9910	89.0376



THIS IS A 3D OVERLAY
 OF MANY CHROMATOGRAMS
 SEE SPREADSHEET

SEE HOW NH_3 PEAK GOES AWAY
 TAKES ABOUT 10 SAMPLES TO
 EQUILIBRATE TO NEW SAMPLE

MethodCallB575.CHR																			
MethETHCaIB575.CHR	1/14/2021	11:31:46	"Air"	0.413	0.0000	0.0000	0.0000	0.0000	0.0000	"NH3"	1.010	45.2183	30.3060	"%	"Water"	1.503	46.5280	87.5557	"ppm"
MethETHCaIB550.CHR	1/14/2021	12:02:27	"Air"	0.413	225.2643	0.0000	0.0000	0.0000	0.0000	"NH3"	1.010	43.2271	28.9714	"%	"Water"	1.506	44.1655	83.1100	"ppm"
MethETHCaIB551.CHR	1/14/2021	12:05:27	"Air"	0.413	201.8433	0.0000	0.0000	0.0000	0.0000	"NH3"	1.013	42.5900	28.5444	"%	"Water"	1.506	44.1479	83.0769	"ppm"
MethETHCaIB552.CHR	1/14/2021	12:08:27	"Air"	0.416	191.6864	0.0000	0.0000	0.0000	0.0000	"NH3"	1.013	42.5558	28.5215	"%	"Water"	1.510	43.5532	81.9578	"ppm"
MethETHCaIB553.CHR	1/14/2021	12:11:27	"Air"	0.413	183.5432	0.0000	0.0000	0.0000	0.0000	"NH3"	1.013	43.0188	28.8318	"%	"Water"	1.506	45.3734	85.3830	"ppm"
MethETHCaIB554.CHR	1/14/2021	12:14:27	"Air"	0.413	180.1426	0.0000	0.0000	0.0000	0.0000	"NH3"	1.013	43.1766	28.9376	"%	"Water"	1.510	45.2191	85.0927	"ppm"
MethETHCaIB555.CHR	1/14/2021	12:17:28	"Air"	0.413	176.0454	0.0000	0.0000	0.0000	0.0000	"NH3"	1.013	42.9622	28.7939	"%	"Water"	1.506	45.4984	85.6183	"ppm"
MethETHCaIB556.CHR	1/14/2021	12:20:28	"Air"	0.413	172.6158	0.0000	0.0000	0.0000	0.0000	"NH3"	1.013	42.7083	28.6237	"%	"Water"	1.506	52.3594	90.5292	"ppm"
MethETHCaIB557.CHR	1/14/2021	12:23:28	"Air"	0.413	160.0528	0.0000	0.0000	0.0000	0.0000	"NH3"	1.013	42.7083	28.6237	"%	"Water"	1.506	52.3594	90.5292	"ppm"
Switch to clean water																			
MethETHCaIB558.CHR	1/14/2021	12:26:28	"Air"	0.413	181.3365	0.0000	0.0000	0.0000	0.0000	"NH3"	1.023	35.2986	23.6576	"%	"Water"	1.513	35.2024	66.2434	"ppm"
MethETHCaIB559.CHR	1/14/2021	12:29:28	"Air"	0.416	202.1477	0.0000	0.0000	0.0000	0.0000	"NH3"	1.030	29.8106	19.9795	"%	"Water"	1.523	34.3096	64.5633	"ppm"
MethETHCaIB560.CHR	1/14/2021	12:32:28	"Air"	0.413	167.6198	0.0000	0.0000	0.0000	0.0000	"NH3"	1.036	23.1628	15.5240	"%	"Water"	1.520	37.3476	70.2708	"ppm"
MethETHCaIB561.CHR	1/14/2021	12:35:28	"Air"	0.413	147.9286	0.0000	0.0000	0.0000	0.0000	"NH3"	1.050	17.1888	11.5202	"%	"Water"	1.513	39.7522	74.8051	"ppm"
MethETHCaIB562.CHR	1/14/2021	12:38:28	"Air"	0.413	137.5566	0.0000	0.0000	0.0000	0.0000	"NH3"	1.053	12.9085	8.6515	"%	"Water"	1.513	41.7934	78.6462	"ppm"
MethETHCaIB563.CHR	1/14/2021	12:41:28	"Air"	0.413	131.7638	0.0000	0.0000	0.0000	0.0000	"NH3"	1.060	10.1738	6.8186	"%	"Water"	1.510	45.9857	86.3847	"ppm"
MethETHCaIB564.CHR	1/14/2021	12:44:28	"Air"	0.413	126.8557	0.0000	0.0000	0.0000	0.0000	"NH3"	1.080	7.7712	5.2084	"%	"Water"	1.513	46.4930	87.4899	"ppm"
MethETHCaIB565.CHR	1/14/2021	12:47:28	"Air"	0.413	124.3974	0.0000	0.0000	0.0000	0.0000	"NH3"	1.120	3.9824	2.6691	"%	"Water"	1.516	49.6976	93.5203	"ppm"
MethETHCaIB566.CHR	1/14/2021	12:50:28	"Air"	0.413	121.8398	0.0000	0.0000	0.0000	0.0000	"NH3"	1.126	1.1482	0.7695	"%	"Water"	1.516	53.5950	100.8543	"ppm"
MethETHCaIB567.CHR	1/14/2021	12:53:28	"Air"	0.413	119.1522	0.0000	0.0000	0.0000	0.0000	"NH3"	1.153	1.4916	0.9997	"%	"Water"	1.516	54.0638	101.7365	"ppm"
MethETHCaIB568.CHR	1/14/2021	12:56:28	"Air"	0.413	118.4117	0.0000	0.0000	0.0000	0.0000	"NH3"	1.126	1.7715	1.1873	"%	"Water"	1.520	77.1684	145.2144	"ppm"
MethETHCaIB569.CHR	1/14/2021	13:02:28	"Air"	0.413	117.4240	0.0000	0.0000	0.0000	0.0000	"NH3"	1.000	0.0000	0.0000	"%	"Water"	1.520	60.6976	114.2199	"ppm"
MethETHCaIB570.CHR	1/14/2021	13:05:29	"Air"	0.413	116.6170	0.0000	0.0000	0.0000	0.0000	"NH3"	0.000	0.0000	0.0000	"%	"Water"	1.516	74.0616	139.3681	"ppm"
MethETHCaIB571.CHR	1/14/2021	13:08:29	"Air"	0.413	115.7662	0.0000	0.0000	0.0000	0.0000	"NH3"	0.000	0.0000	0.0000	"%	"Water"	1.520	80.5042	151.4917	"ppm"
MethETHCaIB572.CHR	1/14/2021	13:11:29	"Air"	0.413	114.4794	0.0000	0.0000	0.0000	0.0000	"NH3"	0.000	0.0000	0.0000	"%	"Water"	1.520	78.8090	148.3017	"ppm"
Insert Loop Into Sedron sample Jug																			
MethETHCaIB574.CHR	1/14/2021	13:14:29	"Air"	0.410	120.2088	0.0000	0.0000	0.0000	0.0000	"NH3"	0.000	0.0000	0.0000	"%	"Water"	1.533	56.9243	107.1194	"ppm"
MethETHCaIB575.CHR	1/14/2021	13:17:29	"Air"	0.413	224.6522	0.0000	0.0000	0.0000	0.0000	"NH3"	0.000	0.0000	0.0000	"%	"Water"	1.530	61.2036	115.1721	"ppm"
MethETHCaIB576.CHR	1/14/2021	13:20:29	"Air"	0.413	220.1248	0.0000	0.0000	0.0000	0.0000	"NH3"	0.000	0.0000	0.0000	"%	"Water"	1.520	67.9845	127.9323	"ppm"
MethETHCaIB577.CHR	1/14/2021	13:23:29	"Air"	0.413	213.8732	0.0000	0.0000	0.0000	0.0000	"NH3"	0.000	0.0000	0.0000	"%	"Water"	1.516	67.1430	126.3488	"ppm"
MethETHCaIB578.CHR	1/14/2021	13:26:29	"Air"	0.416	210.4918	0.0000	0.0000	0.0000	0.0000	"NH3"	1.106	3.8387	2.5728	"%	"Water"	1.516	45.3504	85.3398	"ppm"
MethETHCaIB579.CHR	1/14/2021	13:29:29	"Air"	0.413	209.1353	0.0000	0.0000	0.0000	0.0000	"NH3"	1.063	10.7100	7.1780	"%	"Water"	1.510	42.6004	80.1648	"ppm"
MethETHCaIB581.CHR	1/14/2021	13:35:29	"Air"	0.413	207.5318	0.0000	0.0000	0.0000	0.0000	"NH3"	1.043	17.0332	11.4159	"%	"Water"	1.510	38.0760	71.6509	"ppm"
MethETHCaIB582.CHR	1/14/2021	13:38:29	"Air"	0.413	207.4036	0.0000	0.0000	0.0000	0.0000	"NH3"	1.033	21.9980	14.7434	"%	"Water"	1.513	34.2465	64.4446	"ppm"
MethETHCaIB580.CHR	1/14/2021	13:32:29	"Air"	0.416	207.4036	0.0000	0.0000	0.0000	0.0000	"NH3"	1.026	28.4790	19.0870	"%	"Water"	1.506	34.5620	65.0383	"ppm"
MethETHCaIB583.CHR	1/14/2021	13:41:29	"Air"	0.413	207.4191	0.0000	0.0000	0.0000	0.0000	"NH3"	1.020	30.7172	20.5871	"%	"Water"	1.513	32.0720	60.3526	"ppm"
MethETHCaIB584.CHR	1/14/2021	13:44:29	"Air"	0.413	206.8892	0.0000	0.0000	0.0000	0.0000	"NH3"	1.016	31.9414	21.4076	"%	"Water"	1.506	33.1342	62.3515	"ppm"
MethETHCaIB585.CHR	1/14/2021	13:47:29	"Air"	0.413	206.8892	0.0000	0.0000	0.0000	0.0000	"NH3"	1.016	31.9414	21.4076	"%	"Water"	1.503	32.1118	60.4275	"ppm"

MethenCallb586.CHR	1/14/2021	13:50:29	"Air"	0.413	206.9600	0.0000	"	"NH3"	1.016	33.3046	22.3212	"%	"Water"	1.506	32.4748	61.1106	"ppm"
MethenCallb587.CHR	1/14/2021	13:53:29	"Air"	0.413	206.5609	0.0000	"	"NH3"	1.016	34.0080	22.8213	"%	"Water"	1.503	32.5630	61.2766	"ppm"
MethenCallb588.CHR	1/14/2021	13:56:29	"Air"	0.413	204.0932	0.0000	"	"NH3"	1.020	34.5874	23.1810	"%	"Water"	1.513	30.5644	57.5157	"ppm"
MethenCallb589.CHR	1/14/2021	13:59:29	"Air"	0.413	198.6641	0.0000	"	"NH3"	1.023	36.4955	24.4598	"%	"Water"	1.513	33.3232	62.7071	"ppm"
MethenCallb590.CHR	1/14/2021	14:02:30	"Air"	0.413	196.2270	0.0000	"	"NH3"	1.013	37.8381	25.3596	"%	"Water"	1.506	31.9023	60.0333	"ppm"
MethenCallb591.CHR	1/14/2021	14:05:30	"Air"	0.410	194.4115	0.0000	"	"NH3"	1.010	38.7352	25.9609	"%	"Water"	1.496	32.5228	61.2010	"ppm"
MethenCallb592.CHR	1/14/2021	14:08:30	"Air"	0.413	193.9968	0.0000	"	"NH3"	1.013	39.7478	26.6395	"%	"Water"	1.503	32.2432	60.6748	"ppm"
MethenCallb593.CHR	1/14/2021	14:11:30	"Air"	0.413	192.9200	0.0000	"	"NH3"	1.010	40.4339	27.0994	"%	"Water"	1.506	32.1951	60.5843	"ppm"
MethenCallb594.CHR	1/14/2021	14:14:30	"Air"	0.413	192.2877	0.0000	"	"NH3"	1.010	40.8560	27.3823	"%	"Water"	1.510	31.6741	59.6039	"ppm"
MethenCallb595.CHR	1/14/2021	14:17:30	"Air"	0.413	192.4553	0.0000	"	"NH3"	1.006	41.6996	27.9477	"%	"Water"	1.503	32.1282	60.4584	"ppm"
MethenCallb596.CHR	1/14/2021	14:20:30	"Air"	0.413	192.3945	0.0000	"	"NH3"	1.010	42.8782	28.7376	"%	"Water"	1.506	33.8308	63.6623	"ppm"
MethenCallb597.CHR	1/14/2021	14:23:30	"Air"	0.413	191.4516	0.0000	"	"NH3"	1.010	43.3822	29.0754	"%	"Water"	1.510	33.2816	62.6289	"ppm"
MethenCallb598.CHR	1/14/2021	14:26:30	"Air"	0.413	191.3394	0.0000	"	"NH3"	1.010	43.1676	28.9315	"%	"Water"	1.503	32.7041	61.5421	"ppm"
MethenCallb599.CHR	1/14/2021	14:29:30	"Air"	0.416	191.2201	0.0000	"	"NH3"	1.010	43.8859	29.4130	"%	"Water"	1.513	32.6594	61.4580	"ppm"
MethenCallb600.CHR	1/14/2021	14:32:30	"Air"	0.413	191.1908	0.0000	"	"NH3"	1.010	44.6636	29.9342	"%	"Water"	1.513	34.2464	64.4444	"ppm"
MethenCallb601.CHR	1/14/2021	14:35:30	"Air"	0.413	190.5137	0.0000	"	"NH3"	1.010	44.7322	29.9802	"%	"Water"	1.513	34.9864	65.8369	"ppm"
MethenCallb602.CHR	1/14/2021	14:38:30	"Air"	0.413	190.4362	0.0000	"	"NH3"	1.006	44.9687	30.1387	"%	"Water"	1.510	34.5516	65.0187	"ppm"
MethenCallb603.CHR	1/14/2021	14:41:30	"Air"	0.413	190.5894	0.0000	"	"NH3"	1.006	45.7350	30.6523	"%	"Water"	1.503	35.5089	66.8051	"ppm"
MethenCallb604.CHR	1/14/2021	14:44:30	"Air"	0.413	190.3231	0.0000	"	"NH3"	1.006	45.4436	30.4570	"%	"Water"	1.506	35.3730	66.5644	"ppm"
MethenCallb605.CHR	1/14/2021	14:47:30	"Air"	0.413	190.1633	0.0000	"	"NH3"	1.003	46.1988	30.9631	"%	"Water"	1.506	36.5330	68.7473	"ppm"
MethenCallb606.CHR	1/14/2021	14:50:30	"Air"	0.413	189.7472	0.0000	"	"NH3"	1.003	46.5307	30.5823	"%	"Water"	1.506	35.0436	65.9446	"ppm"
MethenCallb607.CHR	1/14/2021	14:53:30	"Air"	0.413	189.7089	0.0000	"	"NH3"	1.003	46.2646	31.0072	"%	"Water"	1.506	36.0172	69.2821	"ppm"
MethenCallb608.CHR	1/14/2021	14:56:31	"Air"	0.413	189.6268	0.0000	"	"NH3"	1.000	46.3956	31.0950	"%	"Water"	1.500	35.5538	66.9046	"ppm"
MethenCallb609.CHR	1/14/2021	14:59:31	"Air"	0.413	189.6554	0.0000	"	"NH3"	1.003	48.1344	32.2604	"%	"Water"	1.500	36.9672	69.5644	"ppm"
Switch back to clean water																	
MethenCallb610.CHR	1/14/2021	15:02:31	"Air"	0.413	189.1934	0.0000	"	"NH3"	1.006	42.6846	28.6078	"%	"Water"	1.510	32.1130	60.4298	"ppm"
MethenCallb611.CHR	1/14/2021	15:05:31	"Air"	0.413	207.8586	0.0000	"	"NH3"	1.013	34.6088	23.1953	"%	"Water"	1.513	24.8947	46.8465	"ppm"
MethenCallb612.CHR	1/14/2021	15:08:31	"Air"	0.413	158.4876	0.0000	"	"NH3"	1.023	27.2600	18.2754	"%	"Water"	1.503	30.5104	57.4140	"ppm"

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